

--ABSTRACT OF THE DISCLOSURE

A method of transmitting wireless signals and a transmitter for transmitting wireless signals for optimally operate an amplifier of a transmitter in its linear range, signals being transmitted in orthogonal frequency division multiplexing (OFDM). The amplitudes of the OFDM signals that lie above a predefined threshold are eliminated using an additive correction signal, the phase of the OFDM signals being impressed on the additive correction signal. Furthermore, a correction signal is formed and subtracted from the OFDM signals, until there are no more amplitudes of the OFDM signal above the predefined threshold. Gauss pulses are used as correction signals due to their simple handling. Overscanning Oversampling of the OFDM signals determines the amplitude values of the OFDM signals.--.